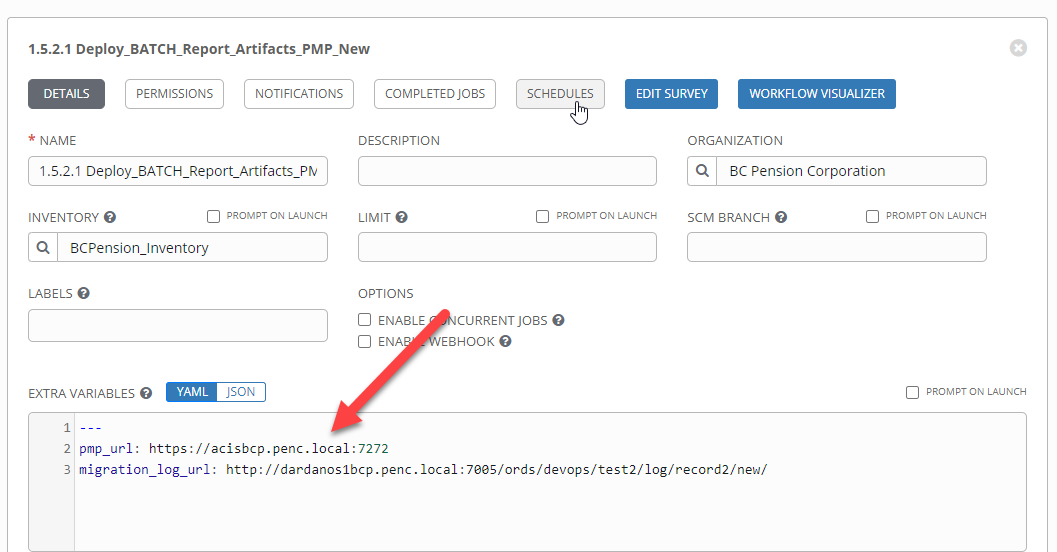
**Technical Documentation – Stage\_Compile\_Deploy\_BATCH\_Reports\_PMP**

1. Workflow – Stages (from SVN), Compiles and Deploys BATCH Reports to an Environment.

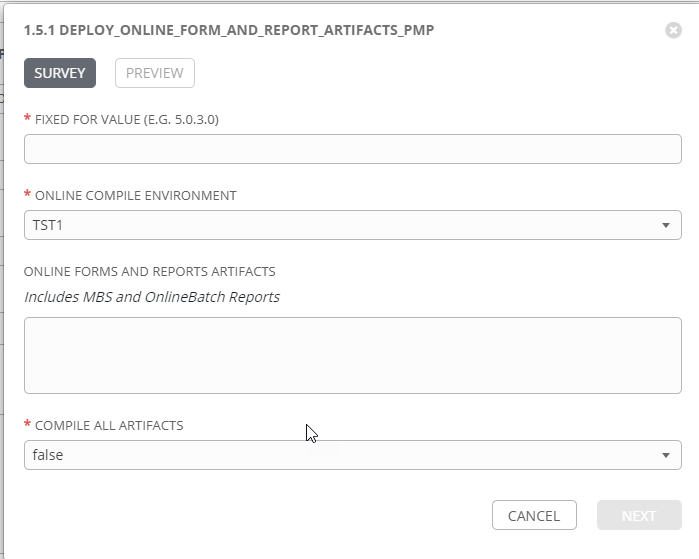


1. Workflow ExtraVars

The Password Manger Pro and APEX/ORDS Migration Log URLs are defined at the workflow level.



1. Survey – User Supplied Variables



|  |  |  |  |
| --- | --- | --- | --- |
| **Survey Extra Variables** | **Prompt** | **Type** | **Description and Usage** |
| FFV | Fixed For Value | Text | The fixed for value for the deployment – must be for the format ###.###.###.### (i.e. 58.0.12.0). Numbers only with a maximum of 3 digits and there must be 4 sets separated with a ‘.’. Used to create staging and deployments directories. Used by all job templates in the workflow |
| ENV | Batch Compile Environment | Multiple Choice Single Pick | The Environment to Compile and Deploy the FAR Artifact into: DEVL, DEV3, RDEV, TST1, TST2, TST3, MUAT, IPASP. Only a single environment can be compiled in and deployed to per workflow execution |
| BatchArtifacts | Batch Reports Artifacts  Includes OnlineBatch Reports | Text Area 20,000 characters | The SVN URL for each FAR Artifact to be compiled and deployed. Each URL has to be on a separated line.  Note this variable is optional and if left blank the FAR Artifact(s) would have to have been staged by a previous execution. If the stage directory does not contain any artifacts the workflow will fail. |
| CompileAll | Compile All Artifacts | Multiple Choice Single Pick | True or false – default of false will only compile forms and reports that exist in the stage directory. If a pll is part of the deployment, CompileAll **MUST** be set to true, logic being all FAR Artifacts must be recompiled if a new pll is deployed (re: Geoff G.). |

1. Jobs Used by the workflow - http://owl.penc.local:18080/svn/deploy\_automation/trunk/Ansible\_PlayBooks/FAR

| **Job Template** | **Ansible Playbook** | **Credentials / host** | **Project** | **Description and Usage** |
| --- | --- | --- | --- | --- |
| create\_batch\_compile\_playbook\_vars | create\_batch\_compile\_playbook\_vars.yml | None – runs on localhost as awx linux user | FAR Deployments | Batch\_Compile\_Directory: 'D:\Reports\defs\tst3'  DeploymentLogDir: /codemove\_common/dp\_automation/deployments/069.028/069.028.004.000/FAR  Oracle\_DB: TST3  StageDir: /codemove\_common/dp\_automation/stage/069.028/069.028.004.000/FAR  batch\_far\_server: cronreptest1  rwconverter: 'D:\opt\oracle\domains\WLS\_JCSTEST\reports\bin\rwconverter.bat'  stage\_server: diagoras1bcp  tower\_hostname: pdeploy1bcp.penc.local |
| stage\_batch\_artifacts | stage\_batch\_artifacts.yml | Codemove for {{stage\_server}} – diagoras1bcp  pendeploy\_svn – used to extract artifacts using the svn urls supplied. | FAR Deployments | When the BatchArtifacts is populated with SVN URLs export the artificats from SVN and place them in the Batch Staging directory {{StageDir}}/artifacts/Batch.  Creates a Staging file report in the {{DeploymentLogDir}} |
| check\_batch\_staged\_files | check\_batch\_staged\_files.yml | Codemove for {{stage\_server}} – diagoras1bcp | FAR Deployments | Checks the {{StageDir}}/artifacts/Batch to make sure at least one of \*.rdf or \*.pll file(s) exists. If there are no artifacts in the directory or the directory does not exist produce an error. |
| copy\_far\_artifacts\_to\_batch | copy\_far\_artifacts\_to\_batch.yml | Penc\ora\_cronreptest for {{batch\_far\_server}} – cronreptest1 | FAR Deployments | Copies all FAR Artificats staged into the {{Batch\_Compile\_Directory}}. If any \*.olb or \*.tif files exist copy them to the {{Runtime\_Directory}} since they do NOT get processed by any of the compile playbooks. |
| check\_passwords\_pmp | check\_passwords\_pmp.yml | Pencmw for pdeploy1bcp/pdevops1bcp | FAR Deployments | Checks the passwords for the schema from PMP – ensures password is correct before attempting a compile. This was moved out of the compile playbook as localhost is not an option with Ansible Automation Controller. |
| compile\_batch\_reports | compile\_batch\_reports.yml  Calls  compile\_single\_batch\_form\_pll.yml  and  compile\_single\_batch\_report.yml | Penc\ora\_cronreptest for {{batch\_far\_server}} – cronreptest1  PMP\_ANSIBLE\_AUTH\_TOKEN for the Ansible Password Manager Pro API | FAR Deployments | compile\_batch\_reports, compiles FORM pll and rdf files.  Obtains the IPASUSER Resource and Accound IDs from password managerpro using the {{ans\_auth\_token}} by passing in IPASUSER and {{ENV}}\_IPASUSER to the getResourceAccountDetails API.  Obtains the password from Password Manager Pro by passing the RESOURCEID and ACCOUNTID to the getResourceAccountDetails API.  Checks the password against the {{ENV}} using sqlplus.  When CompileAll is true the compile\_single\_batch\_form\_pll.yml is executed which will compile WEBUTIL.pll, D2KWUTIL.pll, CONST.pll, SYSLIB.pll, SYSMSG.pll, PFXCONST.pll, AUDIT.pll, POS.pll, NOTC.pll, RPT\_ROLE.pll, IPSRPT.pll. It is assumed CompileAll will be set to true if ANY new pll is deployed. By default it is set to ‘false’.  If any of the pll compiles produces an error {{Batch\_Form\_PLL\_Errors}} is populated.  {{Batch\_Form\_PLL\_Deployment\_Feedback}} is populated for each plx created.  When CompileAll is true compile\_single\_batch\_report.yml is executed against ALL rdf files in the {{Batch\_Compile\_Directory}}. If CompileAll is false, compile\_single\_report.yml is executed only against rdf files in the {{StageDir}}/artifacts/Batch.  If any of the rdf compiles produces an error {{Batch\_Report\_Errors}} is populated.  {{Batch\_Report\_Deployment\_Feedback}} is populated for each rep created. |
| consolidate\_compile\_errors | consolidate\_compile\_errors.yml | None – runs on localhost as awx linux user | FAR Deployments | Consolidates all ERRORS generated – Note that this jobs is used by all Forms and Reports workflows (Online, Batch, web, etc.). |
| populate\_batch\_deployment\_logs | populate\_batch\_deployment\_logs.yml | Codemove for {{stage\_server}} – diagoras1bcp | FAR Deployments | Populates the deployment log {{DeploymentLogDir}}/{{ENV}}\_Batch\_Log.html with the pll, mmb, fmb and rdf feedback generated during the compiles.  Populates the error log {{DeploymentLogDir}}/{{ENV}}\_Batch\_Compile\_Errors.html with any ERRORS generated during the compiles.  If Compile errors exist emails the {{DeploymentLogDir}}/{{ENV}}\_Batch\_Compile\_Errors.html file to:  - PENC\_ITS\_ADM\_Release\_Management@Victoria1.gov.bc.ca  - [PENC\_ITS\_TSS\_Midtier@Victoria1.gov.bc.ca](mailto:PENC_ITS_TSS_Midtier@Victoria1.gov.bc.ca) |
| populate\_batch\_migration\_log | populate\_batch\_migration\_log.yml | Pencmw for pdeploy1bcp/pdevops1bcp | FAR Deployments | Populates the APEX/ORDS migration log using the {{migration\_log\_url}} |